APPENDIX A –QUESTIONNAIRE USED FOR STUDENTS

1. Gender: Male Female

2. Education level: Master Degree and Ph. D Bachelor Degree
    Diploma High School or lower

3. Age:

4. Experience (if any):

5. Experience with Computers:

6. IT Qualification (if any):

7. Life of Institute (presently you are working):

8. Sector (Preferred for working):

9. City:

10. Why do you use the ICT (technology)? (Please Tick)
    I use the technology by my own free will (Voluntary)
    I use the technology because of peer pressure
    Management /My University think that I should use the technology (Mandatory)

11. The Number of Hours spent Daily on the Computers.
    a. Do not use ( )
    b. Less than 1 hr ( )
    c. 1 to 7 hrs ( )
    d. 7 to 14 hrs ( )
    e. More than 14 hrs ( )

12. Which of the following software are you using? (Select as many as applicable):
    a. MS-Word
    b. MS-Excel
    c. MS-Access
    d. MS PowerPoint
    Any Other

How far do you agree or disagree with the below-given statements on the following 7-Point scale?

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7 Strongly Agree</th>
</tr>
</thead>
</table>

Statements

1. ICTs can solve all the problems of me (learning and administrative).
2. ICTs are like any other technology (a tool)

3. e-Learning uses understandable terms.

4. e-Learning can enhance understanding of academics.

5. ICTs can bring social change.

6. Hardware is readily available.

7. Hardware-Support is Consistent.

8. Hardware is Not a Problem for E-learning.

9. Software applications are readily available for e learning.

10. Software-Support is Consistent.

11. Software is Not a Problem for e learning

12. Viruses are not a serious Problem.

13. Internet is very helpful.

14. Our Networks are Effective.

15. We have powerful Internet facilities

16. Computer curriculum / training course is relevant

EDUCATIONAL TECHNOLOGIES

17. Government ICT Policies are Effective.


19. The Environment is Supportive to e-Learning (Context).

20. Effective Training is given to Use E-Learning Tools.

22. e-Learning Systems are Well-Maintained. 
   7 6 5 4 3 2 1 

23. I Use ICT and e-Learning 
   7 6 5 4 3 2 1 

24. Computers are Easy to Use for e learning 
   7 6 5 4 3 2 1 

25. I find e-Learning very Useful 
   7 6 5 4 3 2 1 

26. I face many Problems in Using Computers 
   7 6 5 4 3 2 1 

27. I have Problems with Computer Applications for Different Tasks. 
   7 6 5 4 3 2 1 

28. e-Learning Available to me 24 X 7 (at our own convenience) 
   7 6 5 4 3 2 1 

29. Educational Technologies are Satisfactory. 
   7 6 5 4 3 2 1 

30. I am Satisfied with the Development Practices. 
   7 6 5 4 3 2 1 

31. Current Use of e-Learning is good. 
   7 6 5 4 3 2 1 

32. Computers can perform a Lot of Functions. 
   7 6 5 4 3 2 1 

33. Using the Technology enables me to accomplish tasks more quickly. 
   7 6 5 4 3 2 1 

34. Using the Technology enhances the quality of my work 
   7 6 5 4 3 2 1 

35. I use the Technology for enhancing my knowledge. 
   7 6 5 4 3 2 1 

36. I use the Technology to assist administrative tasks 
   7 6 5 4 3 2 1 

37. Computers and Accessories are becoming Cheaper and Commonplace. 
   7 6 5 4 3 2 1 

38. The Use of ICTs in Teaching is increasing. 
   7 6 5 4 3 2 1 

39. E-Learning is becoming more and more popular. 
   7 6 5 4 3 2 1 

40. Quality of E-content available. 
   7 6 5 4 3 2 1
41. Use of e-Learning can increase the Effectiveness of learning.  
7 6 5 4 3 2 1
42. I can maintain data for complete course using e-Learning.  
7 6 5 4 3 2 1

PROSPECTS

43. Students are getting used to their Digital Gadgets.  
7 6 5 4 3 2 1
44. ICTs are flourishing very quickly.  
7 6 5 4 3 2 1
45. ICTs can be used for multiple Purposes.  
7 6 5 4 3 2 1
46. E-Learning has Brighter Prospects in Higher Education.  
7 6 5 4 3 2 1
47. e-Learning increases the efficiency of learning.  
7 6 5 4 3 2 1

BEHAVIOUR INTENTION (to use the Technology)

48. I use the Technology more for searching information for my research.  
7 6 5 4 3 2 1
49. I use the Technology for personal tasks.  
7 6 5 4 3 2 1
50. I use the Technology for enhancing personal knowledge.  
7 6 5 4 3 2 1
51. I use Email for personal contact.  
7 6 5 4 3 2 1
52. Overall, I intend to use the Technology more in the future in all of my work.  
7 6 5 4 3 2 1
53. I expect my use of the e-Learning to continue in the future  
7 6 5 4 3 2 1
54. I have a generally favorable attitude toward using the e-learning.  
7 6 5 4 3 2 1
55. Using the e-Learning enhanced my effectiveness in learning.  
7 6 5 4 3 2 1
56. I intend to use the e-learning frequently for my coursework.  
7 6 5 4 3 2 1
57. Using the e-Learning I can improve performance.  
7 6 5 4 3 2 1
58. e-Learning enabled me to accomplish tasks more quickly  
7 6 5 4 3 2 1
59. Using the e-Learning System provided me with a lot of enjoyment  
7 6 5 4 3 2 1
60. Overall, I enjoyed using the e-Learning System  
7 6 5 4 3 2 1
Please select the reasons if you are not using e-Learning methods

a. Awareness (  )
b. (  )
c. Social Reasons (  )
d. (  )
e. Fear of Technology Usage (  )
f. (  )
g. Language Barrier (  )
h. Low Adoption Rate (  )
i. Non-availability of Infrastructures
j. No Formal Training
k. Lack of Quality E-Content (  )
l. Computer Literacy And Digital Divide (  )
m. Any Other - Pls. Specify _______________

Will you use e-Learning if..

a. Increase the awareness by providers (  )
b. Use of Local Languages during learning (  )
c. Formal Training is provided (  )
d. Secured Internet Connection with PC is available (  )
e. Sufficient infrastructure available (  )
f. Quality of E-content available (  )

Any additional comments:
APPENDIX B –QUESTIONNAIRE USED FOR TEACHERS/TRAINERS/ADMINISTRATORS

1. Profile of Respondent:
   Trainer   Teachers   Administrators
   If any other please specify ------------------------ -------
2. Gender:   Male       Female
3. Education level
   Master Degree and Ph. D   Bachelor Degree
   Diploma   High School or lower
4. Qualification:
5. Age:
6. Total Experience (if any):
7. Experience with Computers:
8. IT Qualification (if any):
9. Life of Institute (presently you are working):
10. Sector (Preferred for working):
11. City:
12. Why do you use the ICT (technology)? (Please Tick)
   I use the technology by my own free will (Voluntary)
   I use the technology because of peer pressure
   Management /My University think that I should use the technology (Mandatory)
13. The Number of Hours spent Daily on the Computers.
   a. Do not use             (    )   d. 7 to 14 hrs             (    )
   b. Less than 1 hr       (    )              e. More than 14 hrs  (    )
   c. 1 to 7 hrs         (    )
14. Which of the following software are you using? (Select as many as applicable):
   a. MS-Word   b. MS-Excel
   c. MS-Access   d. MS PowerPoint
   e. Office Automation Systems (OAS)
   f. Educational Management Information Systems (EMIS)
   g. Educational Decision Support Systems (EDSS)
   h. LMS (i.e., Blackboard, WebCT)
   i. CMS (i.e., Blackboard, WebCT)
   j. Any Other
15. How often have you used technology for learning?
   Not at all   Few times a week
   About once each month   Five to six times a week
   Few times a month   About once a day
   About once each week   Several times a day
16. Have you taken any assessment using technology during any course?
   Not at all          A few times in last semester
   About once         Regularly in last year
   Few times in last semester    Considerably in last three years

17. After using technology in class, how experienced would you judge yourself to be?
   Novice User          Moderately experienced
   Low-level experience  Highly experienced

How far do you agree or disagree with the below-given statements on the following 7-Point scale?
   Strongly Disagree  1  2  3  4  5  6  7  Strongly Agree

Statements

PERCEPTIONS

1. ICTs can solve all the problems of me (teaching, learning and administrative).
   7  6  5  4  3  2  1

2. ICTs are like any other technology (a tool)
   7  6  5  4  3  2  1

3. e-Learning uses understandable terms.
   7  6  5  4  3  2  1

4. e-Learning can enhance academics.
   7  6  5  4  3  2  1

5. ICTs can bring social change.
   7  6  5  4  3  2  1

EDUCATIONAL TECHNOLOGIES

6. Hardware is readily available.
   7  6  5  4  3  2  1

7. Hardware-support is consistent for e learning.
   7  6  5  4  3  2  1

8. Hardware is not a problem for e learning.
   7  6  5  4  3  2  1

9. Software applications are readily available for e learning.
   7  6  5  4  3  2  1

10. Software-support is consistent for e learning.
    7  6  5  4  3  2  1

11. Software is not a problem for e learning.
    7  6  5  4  3  2  1

12. Viruses are not a serious problem.
    7  6  5  4  3  2  1

13. Our networks are effective.
    7  6  5  4  3  2  1

14. We have powerful Internet facilities.
    7  6  5  4  3  2  1

15. Computer curriculum / training course is relevant
DEVELOPMENT PRACTICES

   7 6 5 4 3 2 1
17. University /Top management supports eLearning Projects.
   7 6 5 4 3 2 1
18. User-Need analysis is properly undertaken.
   7 6 5 4 3 2 1
   7 6 5 4 3 2 1
20. The Environment is Supportive to eLearning (Context).
   7 6 5 4 3 2 1
21. Effective Training is given to Use eLearning Tools.
   7 6 5 4 3 2 1
22. There is Continuous Training for New Technologies.
   7 6 5 4 3 2 1
23. E-Learning Systems are Well-Maintained.
   7 6 5 4 3 2 1
   7 6 5 4 3 2 1

USE AND USERS

25. Computers are Easy to Use for e learning (perceived ease of use PEU).
   7 6 5 4 3 2 1
26. I find eLearning very Useful (Perceived Usefulness).
   7 6 5 4 3 2 1
27. I face many Problems in Using Computers (use-problems)
   7 6 5 4 3 2 1
28. There is Powerful Developer-User Communication during development.
   7 6 5 4 3 2 1
29. I have Problems with Computer Applications for Different Tasks.
   7 6 5 4 3 2 1
30. e-Learning Available 24 X 7 (at our own convenience)
   7 6 5 4 3 2 1

USER SATISFACTION

31. Educational Technologies are Satisfactory.
   7 6 5 4 3 2 1
32. Current Use of eLearning is good.
   7 6 5 4 3 2 1
33. Using the Technology enables me to accomplish tasks more quickly.
   7 6 5 4 3 2 1
34. Using the Technology enhances the quality of my work
   7 6 5 4 3 2 1
35. I use the Technology for enhancing my teaching knowledge.
36. I use the Technology to assist administrative tasks.
   7 6 5 4 3 2 1

**OPPORTUNITIES**

37. Computers and Accessories are becoming Cheaper and Commonplace.
   7 6 5 4 3 2 1
38. The Use of ICTs for Teaching is increasing.
   7 6 5 4 3 2 1
39. e-Learning is becoming more and more Popular.
   7 6 5 4 3 2 1
40. ICTs have something for everybody.
   7 6 5 4 3 2 1
41. Quality of E-content available.
   7 6 5 4 3 2 1
42. Use of e-Learning can increase the Effectiveness of learning.
   7 6 5 4 3 2 1
43. I can maintain complete course while using e-Learning.
   7 6 5 4 3 2 1

**PROSPECTS**

44. Students and Teachers are getting used to their Digital Gadgets.
   7 6 5 4 3 2 1
45. ICTs are flourishing very quickly.
   7 6 5 4 3 2 1
46. ICTs can be used for multiple Purposes.
   7 6 5 4 3 2 1
47. E-Learning has Brighter Prospects in Higher Education.
   7 6 5 4 3 2 1
48. e-Learning increases the efficiency of learning.
   7 6 5 4 3 2 1

**BEHAVIOUR INTENTION** to use the Technology in: Teaching and teaching related tasks.

49. I intend to use the Technology more when teaching in classes.
   7 6 5 4 3 2 1
50. I intend to use the Technology more in providing a Personal Web-Base for facilitating teaching (e.g. on-line syllabus, lectures, noted, tutorials, tests, quizzes, and providing grade etc.)
   7 6 5 4 3 2 1
51. I intend to use the Technology more for preparing teaching materials.
   7 6 5 4 3 2 1
52. I intend to use the Technology more for enhancing my teaching knowledge.
53. I intend to use Email more for student contact and giving my advice.
54. I intend to use the Technology more for searching information for my research.
55. I intend to use the Technology more to assist administrative tasks.
56. I intend to use the Technology more for enhancing personal knowledge.
57. I intend to use Email more for personal contact.
58. Overall, I intend to use the Technology more in the future in all of my work.
59. I have a generally favorable attitude toward using the e-learning.
60. I intend to use the e-learning frequently for my coursework design.
61. Using the e-Learning I can improve my course performance
62. Using the e-Learning increased my productivity in my coursework
63. Overall, I enjoyed using the e-Learning System

Please select the reasons if you are not using e-Learning methods

- Awareness
- Social Reasons
- Fear of Technology Usage
- Language Barrier
- Lack of Quality E-Content
- Computer Literacy And Digital Divide
- Low Adoption Rate
- No Formal Training
- Non-availability of Infrastructures
- Any Other -Pls. Specify

Will you use e-Learning if...

- Increase the awareness by providers
- Use of Local Languages during learning
- Formal Training is provided
- Secured Internet Connection with PC is available
- Sufficient infrastructure available
- Quality of E-content available

Any additional comments: